

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| 1        | 2    | 6191136.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 06:36 |
| 2        | 2    | 5955275.pn.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 06:38 |
| 3        | 2    | 5955275.pn. and ((electrical or voltage) or contraction or growth or blebbing or budding or pycnotic or kinesis or death or apopto\$7 or different\$4 or replicat\$7 or process\$4 or adhesion or oncogen\$4) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 06:43 |
| 4        | 2    | 5955275.pn. and ((reporter or marker) with (type\$1 or example\$1))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 07:47 |
| 14       | 0    | 5955275.pn. and (channel\$1 or (ion adj2 channel\$1))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:12 |
| 15       | 9    | marban-\$.in. and (ion with channel\$2)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:03 |
| 16       | 44   | marban-\$.in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:04 |
| 17       | 5    | marban-\$.in. and somatic   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:04 |
| 18       | 1    | bostian-\$.in. and (vivo with test\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:05 |
| 19       | 3    | bostian-\$.in. and staphylococcus   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:05 |
| 20       | 181  | somatic adj2 gene\$4 adj2 transfer  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:07 |
| 21       | 3    | (somatic adj2 gene\$4 adj2 transfer).ti.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:08 |
| 22       | 1    | (somatic adj2 gene\$4 adj2 transfer).clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:10 |
| 23       | 2    | (somatic adj2 gene\$4 adj2 transfer) same ((ion or voltage or electrical) with channel\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:14 |
| 24       | 16   | (somatic adj2 gene\$4 adj2 transfer) same "ex vivo"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:12 |

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| 25 | 6   | ((somatic adj2 gene\$4 adj2 transfer) same "ex vivo") and (channel\$1 or (ion adj2 channel\$1))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:13 |
| 26 | 0   | kamb-\$ in. and ((ion or voltage or electrical) with channel\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:15 |
| 27 | 80  | kumagai-\$ in.. and ((ion or voltage or electrical) with channel\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:15 |
| 28 | 145 | reporter with ((ion or voltage or electrical) with channel\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:22 |
| 29 | 9   | reporter with ((ion or voltage or electrical) with channel\$1) with librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:17 |
| 30 | 122 | reporter with ((ion or voltage or electrical) with channel\$1) and librar\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:17 |
| 31 | 122 | (reporter with ((ion or voltage or electrical) with channel\$1)) and librar\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:18 |
| 32 | 11  | (reporter with ((ion or voltage or electrical) with channel\$1)) same librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:17 |
| 33 | 2   | ((reporter with ((ion or voltage or electrical) with channel\$1)) same librar\$4) not (reporter with ((ion or voltage or electrical) with channel\$1) with librar\$4) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:17 |
| 34 | 109 | (reporter with ((ion or voltage or electrical) with channel\$1)) and ((cDNA or DNA or expression) with librar\$4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:19 |
| 35 | 11  | ((reporter with ((ion or voltage or electrical) with channel\$1))) .clm. and ((cDNA or DNA or expression) with librar\$4)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:19 |
| 36 | 315 | reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (potential or voltage or electrical or charge))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:23 |
| 37 | 8   | (reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (potential or voltage or electrical or charge))) with librar\$4                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:25 |
| 38 | 90  | (reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge)))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:25 |
| 39 | 0   | ((reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge))) ) and (somatic adj2 gene\$4 adj2 transfer)              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:25 |

|    |    |   |   |                  |
|----|----|---|---|------------------|
| 40 | 1  | ((reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge)))) with librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:26 |
| 41 | 1  | ((reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge)))) same librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:26 |
| 42 | 49 | ((reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge)))) and librar\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:26 |
| 43 | 0  | ((reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge))))ti. and librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:27 |
| 44 | 6  | ((reporter with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge))))clm. and librar\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:28 |
| 45 | 0  | ((phenotyp\$4 with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge))))clm. and librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:28 |
| 46 | 11 | ((phenotyp\$4 with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge)))) and librar\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:30 |
| 47 | 0  | ((phenotyp\$4 with ((alter\$4 or chang\$4 or differen\$4 or modulat\$4) with (voltage or electrical or charge)))) and ((reporter with ((ion or voltage or electrical) with channel\$1)) and ((cDNA or DNA or expression) with librar\$4)) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/10/18 08:30 |

(FILE 'HOME' ENTERED AT 08:34:43 ON 18 OCT 2004)

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS' ENTERED AT 08:35:08 ON 18 OCT 2004

L1 1454 S (MARBAN, ?)/IN,AU  
L2 392 S L1 AND ((ION OR VOLTAGE OR POTENTIAL) (S) CHANNEL?)  
L3 1660 S SOMATIC (S) GENE (S) TRANSFER  
L4 17 S L3 AND L2  
L5 7 DUPLICATE REMOVE L4 (10 DUPLICATES REMOVED)  
L6 1 S L5 AND REPORTER  
L7 0 S L4 AND PY<1998  
L8 12 S L2 AND REPORTER  
L9 11 S L8 NOT L4  
L10 6 DUPLICATE REMOVE L9 (5 DUPLICATES REMOVED)  
L11 13078 S (MEASUR? OR ASSAY? DETERMIN?) (S) ((ION OR VOLTAGE OR POTENTI  
L12 0 S L11 AND L3  
L13 23 S L11 AND REPORTER  
L14 45 S L11 AND LIBRAR?  
L15 0 S L13 AND L14  
L16 9 S L13 AND CDNA  
L17 6 DUPLICATE REMOVE L16 (3 DUPLICATES REMOVED)  
L18 14 S L13 NOT L16  
L19 14 DUPLICATE REMOVE L18 (0 DUPLICATES REMOVED)